

Date: Tuesday, 9/4/2007 11:30:13 AM
User: Kim Johnston

Process Sheet

Customer	: CU-DAR001. Dart Helicopters Services	Drawing Name	: BLOWER MOTOR SUPPORT
Job Number	: 34414		
Estimate Number	: 12307		
P.O. Number	:	Part Number	: D34713
This Issue	: 9/4/2007	S.O. No.	:
Prsht Rev.	: NC	Drawing Number	: D3471 REV.A
First Issue	: 1/1	Project Number	: N/A
Previous Run	: 34103	Drawing Revision	: A
		Material	:
		Due Date	: 10/4/2007
Written By	:	Qty:	6 Um: Each
Checked & Approved By	: <u>07.09.04</u>		
Comment	: est rev A 06.03.02 New issue EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M2024T3S063	2024-T3 .063 sheet
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Comment: Qty.: 0.0931 sf(s)/Unit Total : 0.5588 sf(s)
2024-T3 .063 sheet

Batch: M101022

SAN 07/09/10

2.0	WATER JET	FLOW WATER JET
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Comment: FLOW WATER JET
Cut as per Dwg D3471
Dwg Rev: A
Prog Rev: A

SAN 07/09/10 6

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

SAN 07/09/10 6

4.0	QC8	SECOND CHECK
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Comment: SECOND CHECK

SAN 07/09/10 6
counter
07/09/10 (46)

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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Comment: SMALL & MEDIUM FAB RESOURCE 1
1-Deburr
2-Bend as per dwg D3471

07/09/10 6 P10
SB 08/10/10 30 (5)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D3471-3 PAR #: 2/4 Fault Category: Prod - Sm. FAB NCR: Yes No DQA: 12 Date: 08.11.03
D206-446-043 QA: N/C Closed: 12 Date: 08.11.04

NCR: <u>34414</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
08/10/30	5	1 part broke at the head	<u>ASD</u> <u>ASD</u>	Swap + testing	<u>SO</u> 08/10/30	<u>ASD</u> 08/10/30	<u>ASD</u> 08/10/30	<u>ASD</u> 08/10/30

NOTE: Date & initial all entries

Date: Tuesday, 9/4/2007 11:30:13 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BLOWER MOTOR SUPPORT

Job Number: 34414

Part Number: D34713

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

08/10/20

(X5)

7.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

4P

08-10-30

(45)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

M-1

08/10/30

(5X)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: 100

8/10/30

(5X)

SP

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/11/03

Job Completion



U 08/10/31

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

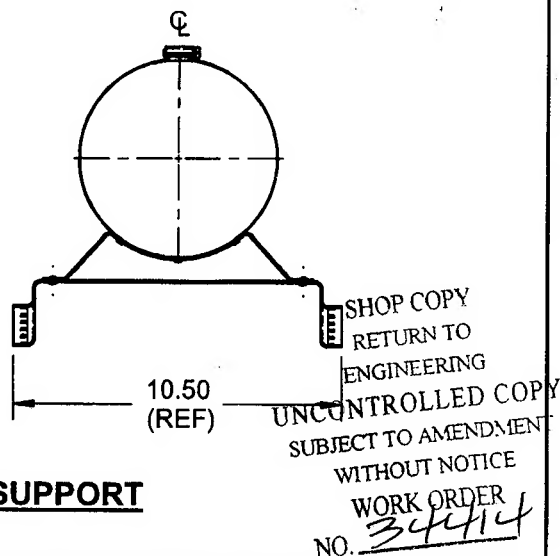
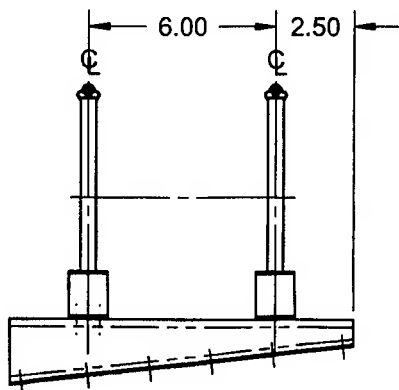
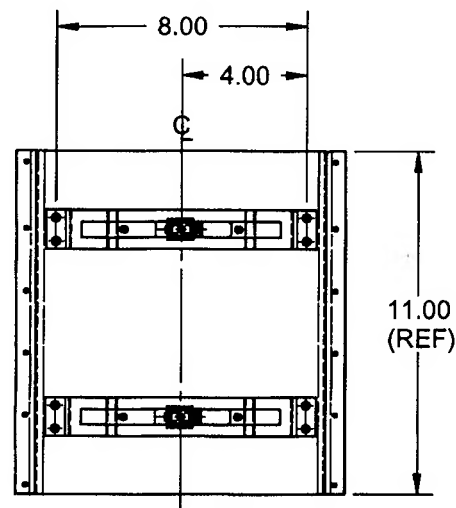
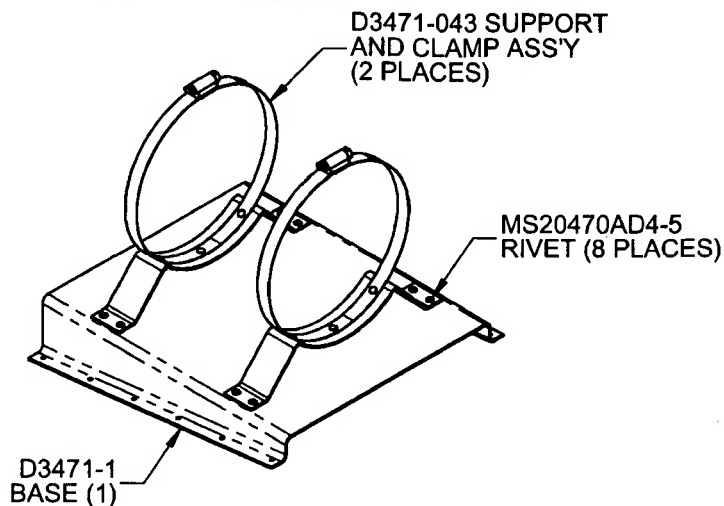
QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3471	REV. A SHEET 1 OF 5
DATE 05.12.21		TITLE BLOWER MOTOR SUPPORT	SCALE 1:6
A	05.12.21	NEW ISSUE	

06-04-03 *[Signature]***D3471-041 BLOWER MOTOR SUPPORT****NOTES:**

- 1) IDENTIFY WITH DART P/N D3471-041 USING FINE POINT PERMANENT INK MARKER
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -041	P/N	DESCRIPTION
X	D3471-041	BLOWER MOTOR SUPPORT
2	D3471-043	SUPPORT AND CLAMP ASSEMBLY
1	D3471-1	BASE
8	MS20470AD4-5	RIVET

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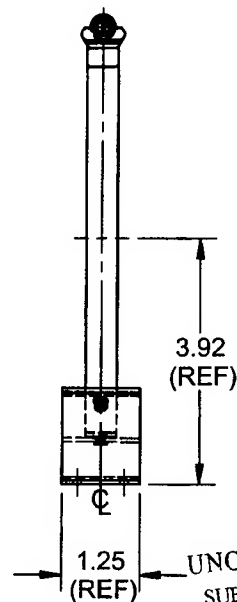
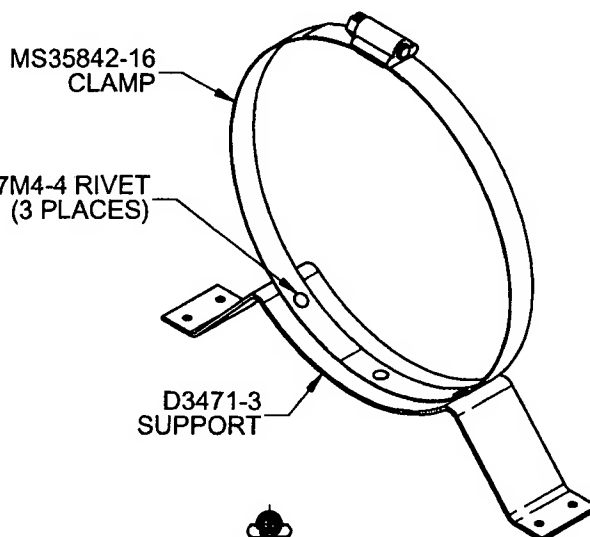
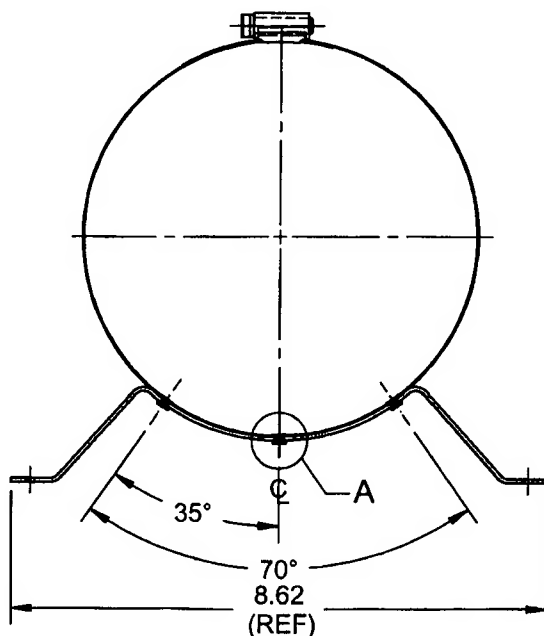
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DATE 05.12.21		TITLE BLOWER MOTOR SUPPORT	SHEET 2 OF 5 SCALE 1:3

06.04.03 *[Signature]*

LOCATE AND TRANSFER DRILL
#30 ($\phi 0.129$) THRU HOLE FROM
D3471-3 TO MS35842-16 CLAMP
AND C'SINK $\phi 0.230 \times 100^\circ$
(3 PLACES)



DETAIL A: COUNTERSINK HOLES
(RIVET NOT SHOWN FOR CLARITY)
SCALE 1:1



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D3471-043 SUPPORT & CLAMP ASS'Y

NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010

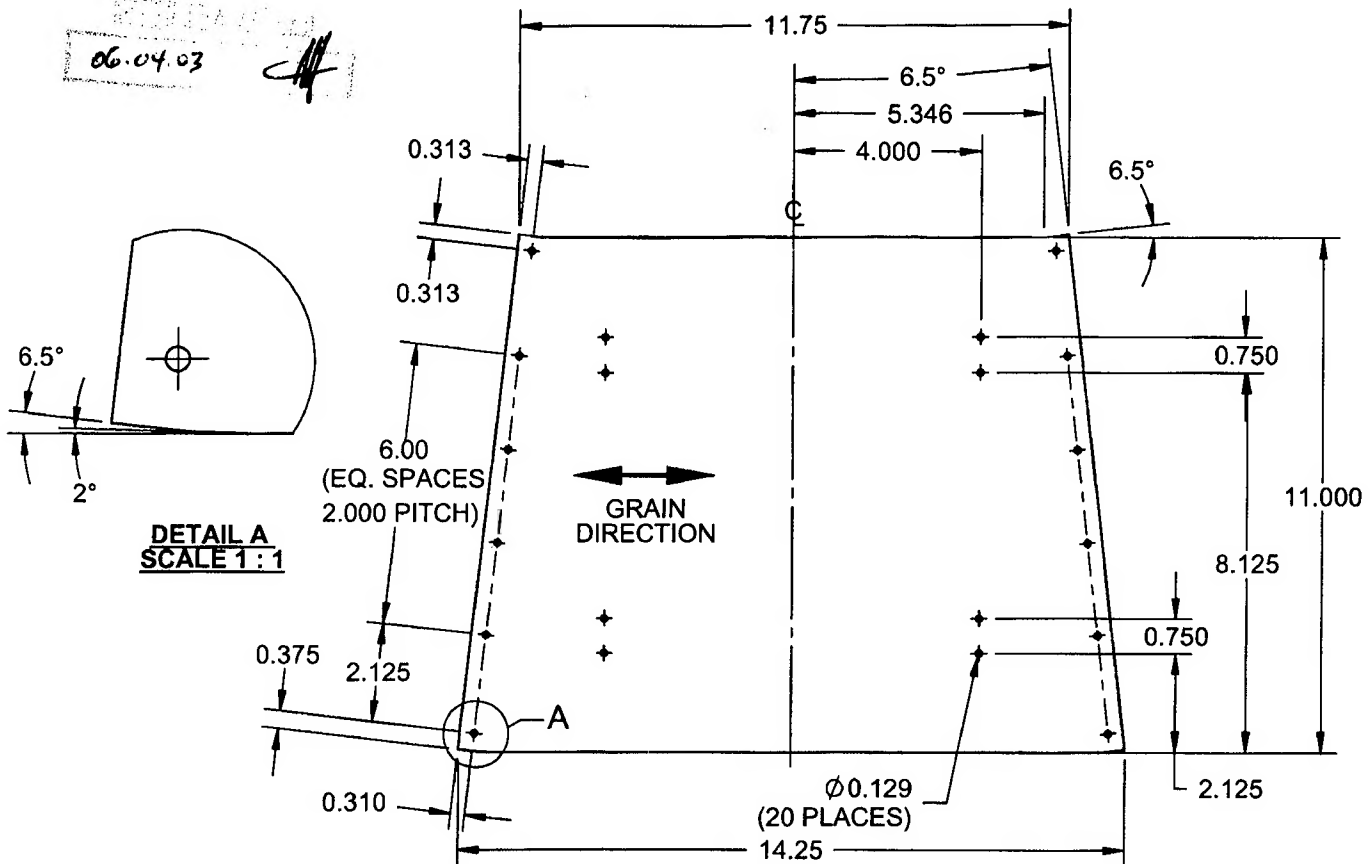
QTY -043	P/N	DESCRIPTION
X	D3471-043	SUPPORT AND CLAMP ASSEMBLY
1	D3471-3	SUPPORT
3	MS20427M-4	RIVET
1	MS35842-16	CLAMP

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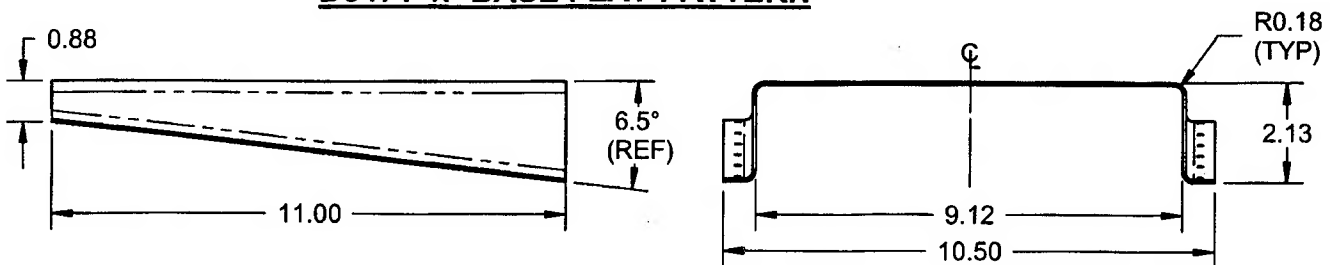
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CHECKED #	APPROVED #	DRAWING NO. D3471	REV. A SHEET 3 OF 5
DATE 05.12.21	TITLE BLOWER MOTOR SUPPORT		SCALE 1:4



D3471-1F BASE FLAT PATTERN



D3471-1 BASE BENDING DETAIL

NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.063" THICK)
PER QQ-A-250/4 OR AMS 4037
(REF. DART SPEC. M2024T3S.063)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) PART IS SYMMETRICAL ABOUT CENTER LINE
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

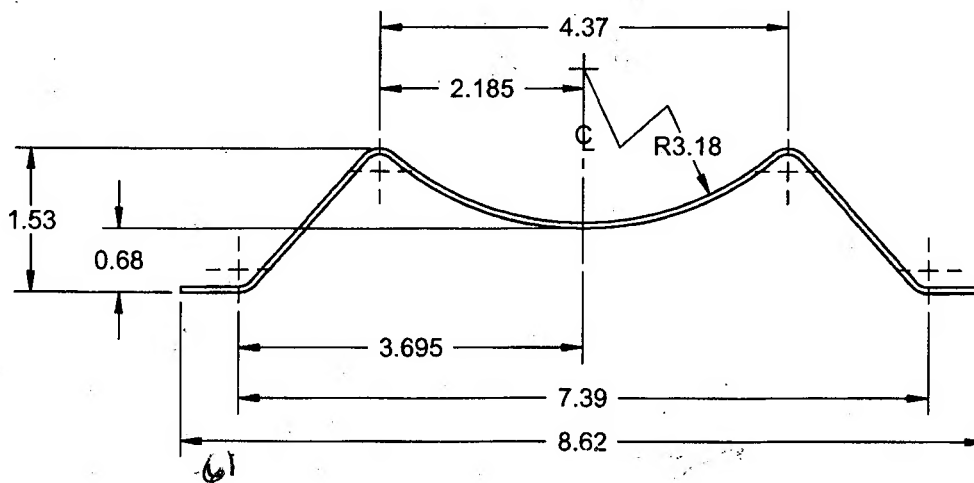
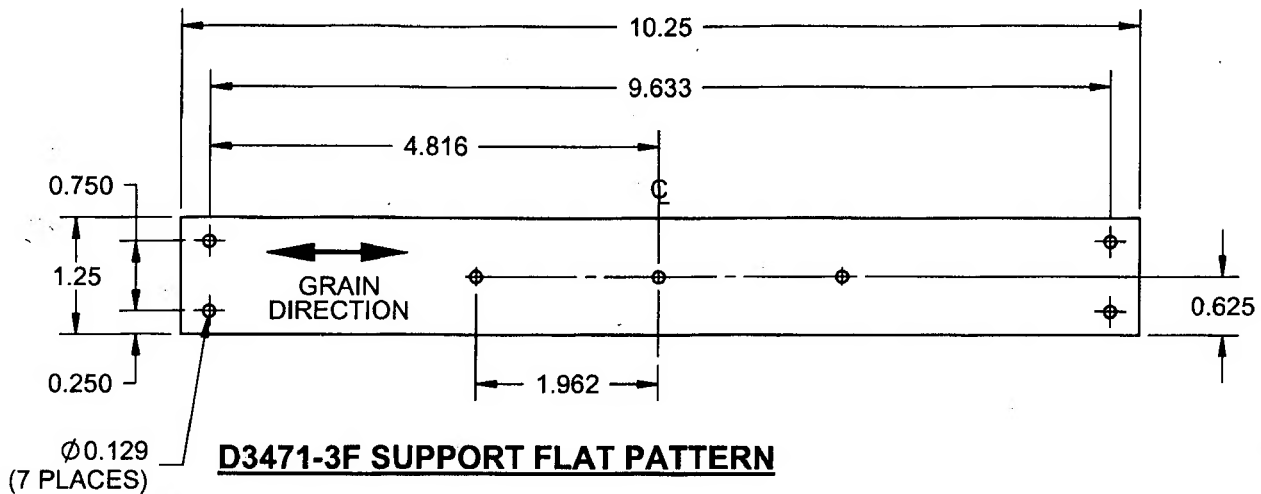
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DATE 05.12.21	TITLE BLOWER MOTOR SUPPORT		SCALE 1:2

06.04.03 *[Signature]***NOTES:**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.063 THICK)
PER AMS-QQ-A-250/4 OR AMS 4037
(REF. DART SPEC. M2024T3S.063)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 2) PART IS SYMETRICAL ABOUT CENTER LINE
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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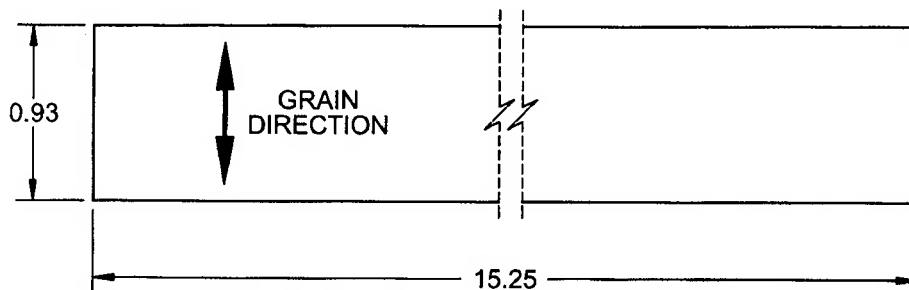
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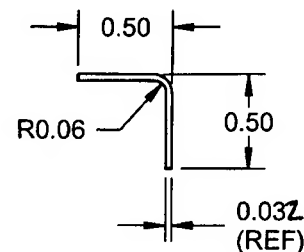


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DATE 05.12.21	TITLE BLOWER MOTOR SUPPORT		SCALE 1:1

06.04.03 *[Signature]*



D3471-5F STIFFENER FLAT PATTERN



D3471-5 STIFFENER BENDING DETAIL

D3471-5 STIFFENER

NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.032" THICK)
PER QQ-A-250/4 OR AMS 4037
(REF. DART SPEC. M2024T3S.032)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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